

**DEPARTMENT OF FORESTRY AND FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL**

P.O. Box 944246  
SACRAMENTO, CA 94244-2460  
Website: [www.fire.ca.gov](http://www.fire.ca.gov)  
(916) 445-8200



**CALIFORNIA CODE ADOPTION  
Meeting Notes  
H-Occupancy Workgroup, H5 Subcommittee  
October 7, 2005, 1:00pm  
70 Saratoga Ave., Santa Clara, CA**

<b><u>ATTENDEES:</u></b>	<b><u>STAKEHOLDERS IN AUDIENCE:</u></b>
<b>Facilitators:</b> Jeff Tarter, IES/Fremont Fire Department  <b>Committee or Group Members Present:</b> Paul Inouye, Milpitas Fire Department Gordon Simpkinson, Palo Alta Fire Department Jay Swardenski, Fremont Fire Department Andrew Dyer, San Jose Fire Department  <b>CDF/SFM Staff Present:</b>	

**DOCUMENT HANDOUTS:**

1. CA amendments to 2003 IFC - kcfv version.doc
2. 2004 Supplement to the [2003] IFC3.

**AGENDA:**

1. Review control objectives as they related to H5 semiconductor facilities
2. Review organization and assignments for analysis of individual IFC chapters relating to hazardous materials and how they relate to H5 semiconductor facilities.

**DISCUSSION/COMMENTS:**

<b>Discussion Item</b>	<b>Comments</b>
1. Review code to evaluate 2003 IFC with 2001 CFC with respect to the control objectives <ol style="list-style-type: none"> <li>a. Exiting</li> <li>b. Occupancy Group Definition</li> <li>c. Construction</li> <li>d. Height</li> <li>e. Area</li> <li>f. Location on Property</li> <li>g. Smoke Barriers</li> <li>h. Definitions</li> <li>i. Occupancy Separations</li> </ol>	Paul Inouye to provide code evaluation matrix to H5 group.  Andrew Dyer to check with Dennis Richardson, San Jose Building Official to complete evaluation of control objectives.  Gordon Simkinson to review requirements for smoke barriers and fire protection systems.

CONSERVATION IS WISE-KEEP CALIFORNIA GREEN AND GOLDEN

PLEASE REMEMBER TO CONSERVE ENERGY. FOR TIPS AND INFORMATION, VISIT "FLEX YOUR POWER" AT [WWW.CA.GOV](http://WWW.CA.GOV).

j. Special Hazards k. Fire Protection Systems l. Interior Finishes	
<b>H5 group reviewed 2003 IFC and 2004 Supplement to IFC Chapter 18.</b>	
2. 2004 IFC supplement - Numerous changes added referencing section 1805.2.2.4 for pyrophoric liquids and class 3 water reactive liquids.	These changes should reference section 1805.2.3.5, which has been added to regulate Pyro and WR-3 liquids.
3. 2004 IFC supplement 1803.10.4	This, and all references to IMC should be changed to UMC.
4. 2004 IFC supplement 1803.13.2	Recommend changing reference for gas detection of flammables from 20% LEL to 25% LEL to correspond with IFC definition of flammable vapor or fumes in section 2702.1.
5. 2004 IFC supplement 1805.2.3.5	New Section – Adds requirements for pyrophoric liquids and class 3 water reactive liquids > 2L.
6. 2004 IFC Table 1805.2.1 specifies 150 gallons as maximum quantity in use-closed at workstations for corrosive liquids with allowable increases outlined in footnote c,f.	Recommend maintaining (E) CFC Table 5102-B limit of 25 gallons as maximum quantity in use-closed at workstations for corrosive liquids with allowable increases outlined in footnote 2,3.
7. General Chapter 18 comments	H5 group needs to provide additional comparative review of IFC Chapter 18 with respect to CFC Article 51 – especially tables and cross references between codes.
<b>Review <u>CA amendments to 2003 IFC - kcfv version.doc</u></b>	
8. 1803.11 Manual fire alarm system - The appropriate standard of NFPA 72 as amended in Chapter 50 and Article 760 of the California Electrical Code.	The H5 group feels this is more appropriately addressed by work group responsible for incorporating SFM amendments to 907.
9. 1804.3.1 Separation of incompatible hazardous materials.	H5 group to further evaluate IFC and IBC requirements for separation of incompatible materials, especially in reference to highly-toxics and (E) 201 CFC Table 5102-C.
<b>Individuals to review chapters relating to specific hazards.</b>	
10. Corrosive, Toxic & High-Toxic Solids and Liquids	Jay Swardenski to provide additional review comments relating to Chapters 31 and 37.
11. Oxidizers, Water-Reactive, Unstable Reactive, Pyrophoric Solids and Liquids	Andrew Dyer to provide additional review comments relating to Chapters 39 - 44.
12. HPM Gases	Gordon Simpkinson to provide additional review comments relating to Chapters 31, 35, 37 & 41.
13. Flammable/Combustible Liquids and Flammable Solids	Additional review of Chapters 34 and 36 to be assigned.

#### **ACTION ITEMS (FOLLOW UP) AND RESPONSIBLES:**

1. Refer to comments column above.

#### **NEXT MEETING:**

Thursday, October 13, 2005 at 1:00pm

Fremont Fire Department – 3300 Capitol Ave., Fremont, CA

<http://www.mapquest.com/maps/map.adp?addtohistory=&country=US&address=3300+capitol+ave&city=fremont&state=ca&zipcode=&historyid=&submit.x=46&submit.y=11>